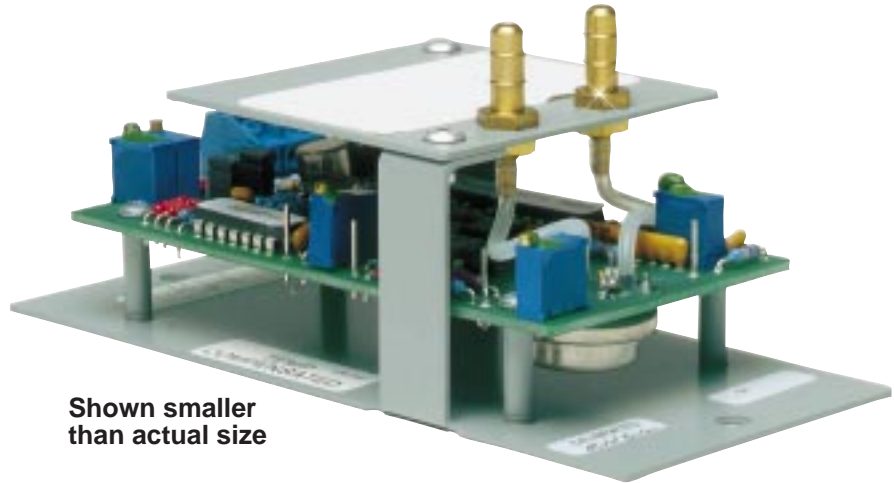


# OEM STYLE DIFFERENTIAL PRESSURE TRANSDUCER WITH FIELD SELECTABLE RANGES



PX278  
**\$175**  
 Model Shown



Shown smaller than actual size

- ✓ Up to 6 Field Selectable Ranges in a Single Unit
- ✓ Rugged Panel Mount Chassis
- ✓ NIST Traceable Calibration
- ✓ Up to 10 psi Differential Overpressure without Zero Shift

The PX278 is a rugged, differential pressure transducer which offers up to six field selectable ranges in one unit. The PX278 incorporates a rugged, steel panel mount chassis and is ideal for OEM applications.

## SPECIFICATIONS

**Excitation:** 12 to 35 Vdc

**Output:** 0 to 5 or 0 to 10 Vdc

**Accuracy:** ±1.0% FS

**Operating Temp.:** -18 to 80°C (0 to 175°F)

**Compensated Temp.:** -4 to 65°C (25 to 150°F)

**Thermal Effects:** 0.02% FS/°C (±0.0125% FS/°F)

**Static Pressure:** 10 psi

**Media Compatibility:**

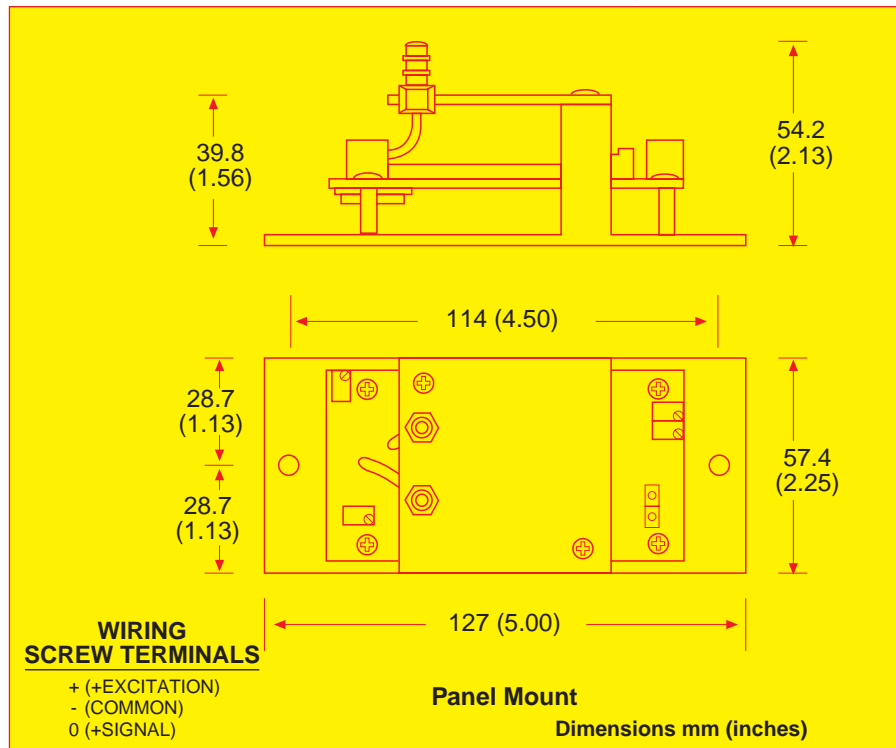
Clean dry air or inert gas

**Pressure Fittings:** 0.2" hose barbs (use 3/8" Tygon tubing)

**Termination:** Screw terminal block

**Enclosure:** Enamel coated, 18 GA steel, panel mount chassis

**Weight:** 454 g (1 lb)



## To Order (Specify Model Number)

| MODEL NO.    | Selectable Ranges (inH <sub>2</sub> O)                                           | PRICE | COMPATIBLE METERS      |
|--------------|----------------------------------------------------------------------------------|-------|------------------------|
| PX278-0.1D5V | 0 to 0.1, -0.05 to 0.05                                                          | \$175 | DP24-E, DP25-E, DP41-E |
| PX278-01D5V  | 0 to 1.0, 0 to 0.5, 0 to 0.25<br>-0.5 to 0.5, -0.25 to 0.25,<br>-0.125 to 0.125  | 175   | DP24-E, DP25-E, DP41-E |
| PX278-05D5V  | 0 to 5.0, 0 to 2.5, 0 to 1.25,<br>-2.5 to 2.5, -1.25 to 1.25,<br>-0.625 to 0.625 | 175   | DP24-E, DP25-E, DP41-E |
| PX278-30D5V  | 0 to 30, 0 to 15, 0 to 7.5, -15 to<br>15, -7.5 to 7.5, -3.75 to 3.75             | 175   | DP24-E, DP25-E, DP41-E |

**Ordering Example:** PX278-0.1D5V, pressure transducer with user selectable ranges of 0 to 0.1, and -0.05 to 0.05 inches of water, \$175



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